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NOTICE OF ALLOWANCE AND FEE(S) DUE

23373

7590

01/18/2006

SUGHRUE MION, PLLC 2100 PENNSYLVANIA AVENUE, N.W. SUITE 800 WASHINGTON, DC 20037 EXAMINER

MCCLOUD, RENATA D

ART UNIT

PAPER NUMBER

2837

DATE MAILED: 01/18/2006

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/509,957	10/04/2004	Jung-ik Ha	Q83999	2993

TITLE OF INVENTION: SENSORLESS CONTROLLER OF AC MOTOR AND CONTROL METHOD

APPLN. TYPE			PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1400	\$300	\$1700	04/18/2006

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE REFLECTS A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE APPLIED IN THIS APPLICATION. THE PTOL-85B (OR AN EQUIVALENT) MUST BE RETURNED WITHIN THIS PERIOD EVEN IF NO FEE IS DUE OR THE APPLICATION WILL BE REGARDED AS ABANDONED.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL should be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). Even if the fee(s) have already been paid, Part B - Fee(s) Transmittal should be completed and returned. If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

(571) 273-2885 or Fax

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be

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	E ADDRESS (Note: Use Block 1 for 590 01/18/2006	any change of address)			ree(s) Transmittal. The papers. Each addition	f mailing can only be used fair carmot be used al paper, such as an assignme of mailing or transmission.	for any other accompanying
SUGHRUE MIO 2100 PENNSYLV SUITE 800 WASHINGTON, I	ANIA AVENUE, N.W				Ce I hereby certify that the States Postal Service addressed to the Mai transmitted to the USI	rtificate of Mailing or Tran his Fee(s) Transmittal is beir with sufficient postage for fi il Stop ISSUE FEE address PTO (571) 273-2885, on the	smission g deposited with the United sts class mail in an envelope above, or being facsimile date indicated below.
,							(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAME	D INVEN	TOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/509,957	10/04/2004		Jung-i	ik Ha		Q83999	2993
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MCCLOUD,	RENATA D	2837			318-807000		
CFR 1.363). Change of correspond Address form PTO/SB/12 "Fee Address" indicat PTO/SB/47; Rev 03-02 of Number is required. 3. ASSIGNEE NAME AND PLEASE NOTE: Unless	ion (or "Fee Address" Indica or more recent) attached. Use RESIDENCE DATA TO B	Correspondence tion form of a Customer E PRINTED ON T	(1) the nar or agents ((2) the nan registered 2 registere listed, no n THE PATENT	mes of up OR, altern me of a stattorney ed patent name will I (print or near on the	ingle firm (having as a or agent) and the namattomeys or agents. If I be printed.	a member a 2es of up to	locument has been filed for
(A) NAME OF ASSIGN				_	and STATE OR CO	UNTRY)	
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4a. The following fee(s) are	enclosed:		. Payment of	` '			
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	Copies				card. Form PTO-2038		
Advance Order - # or	Copies		Deposit Acco	ount Nun	iber	harge the required fee(s), or (enclose an extra o	credit any overpayment, to opy of this form).
	(from status indicated above	*	Π				
	MALL ENTITY status. See 3		b. Applica	ant is no	longer claiming SMA	LL ENTITY status. See 37 C	FR 1.27(g)(2).
NOTE: The Issue Fee and Printerest as shown by the reco	is requested to apply the Issu ublication Fee (if required) words of the United States Pate	e Fee and Publicat rill not be accepted nt and Trademark	ion Fee (if an from anyone Office.	y) or to re other the	e-apply any previousl an the applicant; a reg	y paid issue fee to the applic istered attorney or agent; or t	ation identified above. he assignee or other party in
Authorized Signature					Date		
Typed or printed name							
This collection of information application. Confidential submitting the completed ap	n is required by 37 CFR 1.31 ty is governed by 35 U.S.C. plication form to the USPTO	11. The information 122 and 37 CFR 1 D. Time will vary	n is required t .14. This coll depending up	to obtain lection is oon the in	or retain a benefit by the estimated to take 12 individual case. Any co	the public which is to file (an minutes to complete, including comments on the amount of ti	d by the USPTO to process) ag gathering, preparing, and me you require to complete

this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

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SUITE 800	VAINIA A VENOE, IN. W	•	ART UNIT	PAPER NUMBER	
WASHINGTON, DC 20037			2837		
			DATE MAILED: 01/18/2006	6	

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 0 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 0 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571) 272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at (703) 305-8283.